

PERSONAL INFORMATION

Mihail Radu Cătălin TRUȘCĂ



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Type of IM service Yahoo,

🗨 [radu.trusca](https://www.yahoo.com/messages/messages/radu.trusca)

Sex Male | Date of birth 22/03/1972 | Nationality Romanian

WORK EXPERIENCE

July 2013 – Present

Technology Development Engineer II

National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, 67-103 Donat street, 400293 Cluj-Napoca, ROMANIA, <http://www.itim-cj.ro>

- Management of more than 220 networked computers (desktops, laptops and other devices) and 10 servers; specific tasks for good functioning of INCDTIM Datacenter (by monitoring the functioning parameters using different systems - designed in INCDTIM and bought from market) and specific maintenance tasks for servers, desktops, laptops and dedicated scientific equipment; design and project for extend structured data-voice cabling system inside of INCDTIM (800 data-voice ports, 18 Cisco and Linksys switches in 7 buildings; voice network include 140 stations); design and project for datacenter temperature, air conditioning and power monitoring system; responsible for software licenses (SO, Office suite, CAD, CAM, specific scientific software) for all devices, reasearch projects webpages, databases.

Business or sector Research and development

November 2006 – June 2013

System Engineer

National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, 67-103 Donat street, 400293 Cluj-Napoca, CLUJ, ROMANIA, <http://www.itim-cj.ro>

- Management of more than 170 networked computers and 9 servers; specific tasks for good functioning of computer network, workstation and servers; design and project for structured data-voice cabling system for all the buildings of INCDTIM (670 data-voice ports, 15 Linksys switches in 7 buildings; voice network include 140 stations); design and project for datacenter temperature, air conditioning and power monitoring system, reasearch projects webpages, databases.

Business or sector Research and development

March 1998 – October 2006

System Engineer

Technical University of Cluj-Napoca, 28 Memorandumului street, 400114, Cluj-Napoca, CLUJ, ROMANIA, <http://www.utcluj.ro>

- Management of almost 600 networked computers and 12 servers; I had specific tasks for good functioning of computer network, workstation and servers; a part of the team who design structured data-voice cabling system inside Mecanica buildings (1350 data-voice ports, 26 Cisco switches in 7 buildings); voice network include 190 phone lines; responsible with management of integrated alarms system with central monitoring (extend and repairs, access control) – 62 rooms integrated.

Business or sector Education

May 1997 – February 1998

Programmer

Olt District Emergency Hospital, 9-11 Crisan street, 230013, Slatina, OLT, Romania
<http://www.spjslatina.ro/>

- Create and maintenance the software application for the department of Human Resources

Business or sector Health, medical assistance

EDUCATION AND TRAINING

October 2010 – January 2015

PhD in Systems Engineering

8 EQF

Faculty of Automation and Computer Science, Technical University of Cluj-Napoca, 28 Memorandumului street, 400114, Cluj-Napoca, Cluj, Romania

- Design and development of monitoring system of data center parameters (temperatures, air conditioning, electrical energy consumption)

October 1991 – June 1996

Bachelor's/Master degree in Engineer - Automation and Industrial Informatics

6/7 EQF

Faculty of Engineering, Automation and Industrial Informatics, "Petru Maior" University, 1st Nicolae Iorga street, 540088, Targu-Mures, Mures, Romania.

- Extended notions about hardware architectures, computer operating systems and software, computers and process equipment programming, design of automated systems

Replace with dates (from - to)

Replace with qualification awarded

4 EQF

Theoretical High School „Gib Mihaescu”, 1st, Școlii Alley, Drăgășani, VALCEA, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](#)

Communication skills

Teamwork skills, Good team spirit, good communication skills, organized, hard working, creative, good ability to adapt to multicultural environments.

Organisational / managerial skills

Adaptability and team work capacity, a good resources planner and manager, Understands organizational culture; Able to gather and synthesize information on internal and external environments; Able to analyze and design organizational structures and processes;

Job-related skills Research - 13 years of experience within the Institute. Focused on good functioning of computer network, workstation, servers and other various equipments and devices used in research projects; design structured data-voice cabling system; voice network; management of integrated alarms system with central monitoring (extend and repairs, access control). Very good skills in synthesizing information, writing research papers in the field of Grid system and environment parameters monitoring, electrical power monitoring.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Advanced knowledge in desktop and server operating system and software, network infrastructure environment, databases and office application
- Advanced skills about network infrastructure gained from the postgraduate course "Computers networks - CISCO Networking" – March 2003 - February 2004, Cisco Academy, Technical University of Cluj Napoca.
- a good command of office suites (word processor, spreadsheet, presentation software)
- knowledge of photo editing and graphics processing using Corel software suite

Driving licence B

ADDITIONAL INFORMATION

Publications Books: 1
 Published papers: 2 in ISI indexed journals, 12 in proceedings non ISI indexed journals

Projects Member in research teams of more than 10 national and international projects

Conferences 35 participation at international conferences:

Data,
 26.05.2019

Dr. Ing. Mihail Radu Cătălin Trușcă,